

| | Type | Hits | Search Text |
|----|------|------|--|
| 1 | BRS | 1 | 10/601707 |
| 2 | BRS | 1 | S1 and (plug\$4 same fiber\$1) |
| 3 | BRS | 1 | S1 and (socket same plug\$4) |
| 4 | BRS | 1 | S1 and (socket\$3 same plug\$4) |
| 5 | BRS | 1 | S1 and (socket\$3 same plug\$4) and (light same condens\$4) |
| 6 | BRS | 1 | S1 and (socket\$3 same plug\$4) and (light same (lens\$3 condens\$4)) |
| 7 | BRS | 1 | S1 and (socket\$3 same plug\$4) and ((light beam\$1 laser) same (lens\$3 condens\$4)) |
| 8 | BRS | 1 | S1 and (electri\$4 signal\$4) same (emit\$5 laser sourc\$3) |
| 9 | BRS | 1 | S1 and (transpar\$4 transmissive) near12 substr\$4 same socket\$2 |
| 10 | BRS | 1 | 10/601707 |
| 11 | BRS | 1 | S10 and (substr\$4 same (surfac\$2 photo\$5 emit\$4 laser) same (lens\$2 condens\$4)) |
| 12 | BRS | 1 | S10 and (substr\$4 same (photo\$5 emit\$4 laser) same (lens\$2 condens\$4)) same (side\$2 surfac\$3) |
| 13 | BRS | 1 | S10 and (substr\$4 same (photo\$5 emit\$4 laser) same (lens\$2 condens\$4) same (side\$2 surfac\$3)) |
| 14 | BRS | 1 | 10/601707 |
| 15 | BRS | 0 | S14 and (substr\$4 same (photo\$5 emit\$4 laser) same (lens\$2 condens\$4) same (side\$2 surfac\$3) same (other second) near2 surface\$1) |
| 16 | BRS | 0 | S14 and (other second) near2 surface\$1 |
| 17 | BRS | 1 | S14 and (other second revers\$4) near5 surface\$1 |
| 18 | BRS | 1 | 10/601707 |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|-------------------|-----------------|-------------------------|
| 1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/22 10:38 | | |
| 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 15:47 | | |
| 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 14:07 | | |
| 4 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 14:09 | | |
| 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 14:12 | | |
| 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 14:12 | | |
| 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 14:17 | | |
| 8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 14:30 | | |
| 9 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 19:06 | | |
| 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 15:49 | | |
| 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 15:50 | | |
| 12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 15:51 | | |
| 13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:10 | | |
| 14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 17:54 | | |
| 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:12 | | |
| 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:13 | | |
| 17 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:35 | | |
| 18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:34 | | |

| | Errors | Ref # |
|----|---------------|--------------|
| 1 | | S1 |
| 2 | | S2 |
| 3 | | S3 |
| 4 | | S4 |
| 5 | | S5 |
| 6 | | S6 |
| 7 | | S7 |
| 8 | | S8 |
| 9 | | S9 |
| 10 | | S10 |
| 11 | | S11 |
| 12 | | S12 |
| 13 | | S13 |
| 14 | | S14 |
| 15 | | S15 |
| 16 | | S16 |
| 17 | | S17 |
| 18 | | S18 |

| | Type | Hits | Search Text |
|----|------|--------|---|
| 19 | BRS | 105134 | (substrat\$2 backplane back adj1 plane) near3 (transparent translucent transmissive) |
| 20 | BRS | 369 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near7 (laserdiod\$1 laser\$1 diod\$2 emit\$4) same lens\$2 |
| 21 | BRS | 77 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near7 (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) same (microlens\$4 lens\$2) |
| 22 | BRS | 380 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near7 (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (microlens\$3 lens\$2) |
| 23 | BRS | 8 | S19 and S21 and S22 |
| 24 | BRS | 105134 | (substrat\$2 backplane back adj1 plane) near3 (transparent translucent transmissive) |
| 25 | BRS | 77 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near7 (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) same (microlens\$4 lens\$2) |
| 26 | BRS | 380 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near7 (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (microlens\$3 lens\$2) |
| 27 | BRS | 185 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near12 (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 lens\$2) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:36 | | |
| 20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:42 | | |
| 21 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:43 | | |
| 22 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:42 | | |
| 23 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:40 | | |
| 24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:53 | | |
| 25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 19:03 | | |
| 26 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:57 | | |
| 27 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 11:00 | | |

| | Errors | Ref # |
|----|--------|-------|
| 19 | | S19 |
| 20 | | S20 |
| 21 | | S21 |
| 22 | | S22 |
| 23 | | S23 |
| 24 | | S25 |
| 25 | | S26 |
| 26 | | S27 |
| 27 | | S29 |

| | Type | Hits | Search Text |
|----|------|--------|--|
| 28 | BRS | 800 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near12 (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 lens\$2 microlens\$2) |
| 29 | BRS | 188 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near12 (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 microlens\$3 lens\$2) |
| 30 | BRS | 1 | 10/601707 |
| 31 | BRS | 843154 | (socket\$2 plug\$4 board\$2 circuitboard\$2) same (insert\$4 pin\$3 interfac\$4 connect\$5) |
| 32 | BRS | 135162 | (socket\$2 plug\$4 board\$2 circuitboard\$2) same (substrat\$2 backplane back adj1 plane) |
| 33 | BRS | 6 | S32 and S33 and S34 |
| 34 | BRS | 8 | S25 and S26 and S27 |
| 35 | BRS | 22 | S25 and S30 and S31 |
| 36 | BRS | 8 | S32 not (S35 S28) |
| 37 | BRS | 923 | S30 S31 |
| 38 | BRS | 200 | S25 and S39 |
| 39 | BRS | 30 | S40 and S34 |
| 40 | BRS | 18 | S41 and (plug\$4 inser\$5) |
| 41 | BRS | 7 | S41 and (plug\$4 socket\$2 ferrul\$3) same (board\$1 substr\$5) |
| 42 | BRS | 11 | S41 and (plug\$4 socket\$2 ferrul\$3) and (board\$1 substr\$5) |
| 43 | BRS | 9 | S44 not (S36 S35 S28) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 28 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 11:10 | | |
| 29 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 17:59 | | |
| 30 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:04 | | |
| 31 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:05 | | |
| 32 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:27 | | |
| 33 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 17:35 | | |
| 34 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:16 | | |
| 35 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:19 | | |
| 36 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:24 | | |
| 37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:26 | | |
| 38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:26 | | |
| 39 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:28 | | |
| 40 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:29 | | |
| 41 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:31 | | |
| 42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:32 | | |
| 43 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:49 | | |

| | Errors | Ref # |
|----|---------------|--------------|
| 28 | | S30 |
| 29 | | S31 |
| 30 | | S24 |
| 31 | | S33 |
| 32 | | S34 |
| 33 | | S35 |
| 34 | | S28 |
| 35 | | S32 |
| 36 | | S36 |
| 37 | | S39 |
| 38 | | S40 |
| 39 | | S41 |
| 40 | | S42 |
| 41 | | S43 |
| 42 | | S44 |
| 43 | | S45 |

| | Type | Hits | Search Text |
|----|------|--------|--|
| 44 | BRS | 780 | plug\$3 same socket\$4 same subst\$4 |
| 45 | BRS | 2 | S40 and S46 |
| 46 | BRS | 4 | S40 and plug\$3 same socket\$4 |
| 47 | BRS | 6 | S40 and socket\$4 |
| 48 | BRS | 9 | S40 and plug\$3 |
| 49 | BRS | 5 | S50 not S49 |
| 50 | BRS | 28 | S46 and S25 |
| 51 | BRS | 981 | (substrat\$2 backplane back adj1 plane) same (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5 detect\$5) same (microlens\$4 lens\$2) same (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1) |
| 52 | BRS | 9 | S40 and S53 |
| 53 | BRS | 981 | (substrat\$2 backplane back adj1 plane) same (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5 detect\$5) same (microlens\$4 lens\$2) same (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1) |
| 54 | BRS | 60 | (transpar\$4 transmissive) near12 substr\$4 same socket\$2 |
| 55 | BRS | 4 | S55 and S56 |
| 56 | BRS | 137765 | (transpar\$4 transmissive) near12 substr\$4 |
| 57 | BRS | 275144 | (transpar\$4 transmissive translucent glass) near7 substr\$4 |
| 58 | BRS | 247389 | (transpar\$4 transmissive translucent glass) near4 substr\$4 |
| 59 | BRS | 341 | S55 and S60 |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 44 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 19:02 | | |
| 45 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:54 | | |
| 46 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:58 | | |
| 47 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:57 | | |
| 48 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:58 | | |
| 49 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 18:59 | | |
| 50 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/29 19:02 | | |
| 51 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 09:58 | | |
| 52 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:43 | | |
| 53 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 09:58 | | |
| 54 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:00 | | |
| 55 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 09:59 | | |
| 56 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:00 | | |
| 57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:01 | | |
| 58 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 11:07 | | |
| 59 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:02 | | |

| | Errors | Ref # |
|----|--------|-------|
| 44 | | S46 |
| 45 | | S47 |
| 46 | | S48 |
| 47 | | S49 |
| 48 | | S50 |
| 49 | | S51 |
| 50 | | S52 |
| 51 | | S53 |
| 52 | | S54 |
| 53 | | S55 |
| 54 | | S56 |
| 55 | | S57 |
| 56 | | S58 |
| 57 | | S59 |
| 58 | | S60 |
| 59 | | S61 |

| | Type | Hits | Search Text |
|----|------|------|--|
| 60 | BRS | 10 | S61 and socket |
| 61 | BRS | 9 | S61 and sockets |
| 62 | BRS | 5 | S62 not S63 |
| 63 | BRS | 4 | S63 not S62 |
| 64 | BRS | 60 | S61 and connector\$1 |
| 65 | BRS | 8 | S61 and (connector\$1 near7 board\$1) |
| 66 | BRS | 26 | ("6536957" "20030048998" "6599031" "6588949" "4876680" "4876446" "4732599" "5424573" "20030201462" "4188708" "4188708" "20030201462" "6588949" "5424573" "5877492" "4732599" "20010012244" "6330464" "5877492" "5715226" "4732599" "20010012244" "5715226" "6330464" "20010012244" "5715226") .pn. |
| 67 | BRS | 14 | ("6536957" "20030048998" "6599031" "6588949" "4876680" "4876446" "4732599" "5424573" "20030201462" "4188708" "4188708" "20030201462" "6588949" "5424573" "5877492" "4732599" "20010012244" "6330464" "5877492" "5715226" "4732599" "20010012244" "5715226" "6330464" "20010012244" "5715226") .pn. |
| 68 | BRS | 14 | ("20030201462" "20030048998" "20010012244" "6599031" "6588949" "6536957" "6330464" "5877492" "5715226" "5424573" "4876680" "4876446" "4732599" "4188708") .pn. |
| 69 | BRS | 9 | S70 and board |
| 70 | BRS | 9 | S70 and board\$1 |
| 71 | BRS | 9 | S70 not S73 |
| 72 | BRS | 9 | S74 and (mount\$4 board\$2 socket\$2 support\$4) and (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 60 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:18 | | |
| 61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:14 | | |
| 62 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:14 | | |
| 63 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:14 | | |
| 64 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:18 | | |
| 65 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:39 | | |
| 66 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:39 | | |
| 67 | US-PGPUB; USPAT | 2005/03/30 10:41 | | |
| 68 | US-PGPUB; USPAT | 2005/03/30 10:55 | | |
| 69 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:54 | | |
| 70 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:54 | | |
| 71 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 10:58 | | |
| 72 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 11:00 | | |

| | Errors | Ref # |
|----|--------|-------|
| 60 | | S62 |
| 61 | | S63 |
| 62 | | S64 |
| 63 | | S65 |
| 64 | | S66 |
| 65 | | S67 |
| 66 | | S68 |
| 67 | | S69 |
| 68 | | S70 |
| 69 | | S71 |
| 70 | | S72 |
| 71 | | S74 |
| 72 | | S75 |

| | Type | Hits | Search Text |
|----|------|------|--|
| 73 | BRS | 9 | S60 and S75 |
| 74 | BRS | 9 | S76 and ((laserdiod\$1 laser\$1 diod\$2 emit\$4) (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 lens\$2 microlens\$2)) |
| 75 | BRS | 2 | ("20030048998" "6536957").pn. |
| 76 | BRS | 2 | S80 and S78 |
| 77 | BRS | 1 | S82 and S80 |
| 78 | BRS | 1 | S82 and S78 |
| 79 | BRS | 1 | ("6536957").pn. |
| 80 | BRS | 1 | ("6536957").pn. and (fiber\$1 waveguide\$1 guid\$3 direct\$5 axis fibre\$1) |
| 81 | BRS | 1 | ("6536957").pn. |
| 82 | BRS | 1 | S88 and (fiber\$1 waveguide\$1 direct\$5 axis fibre\$1) |
| 83 | BRS | 1 | S88 and (fiber\$1 waveguide\$1 direct\$5 axis fibre\$1 vetrical\$3 horizont\$5) |
| 84 | BRS | 5 | S70 not S72 |
| 85 | BRS | 1 | S82 and (laser\$1 sourc\$2) same (fiber\$1 fibre\$1) |
| 86 | BRS | 1 | S82 and (laser\$1 sourc\$2) near12 (fiber\$1 fibre\$1) |
| 87 | BRS | 1 | S82 and (laser\$1 sourc\$2) near12 (fiber\$1 fibre\$1) and (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) |
| 88 | BRS | 1 | S82 and (laser\$1 sourc\$2) near12 (fiber\$1 fibre\$1) and (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) and (axes axis) and parall\$4 |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 73 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 18:11 | | |
| 74 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 13:07 | | |
| 75 | US-PGPUB; USPAT | 2005/03/30 13:19 | | |
| 76 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 13:20 | | |
| 77 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 13:57 | | |
| 78 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 15:03 | | |
| 79 | US-PGPUB; USPAT | 2005/03/30 17:33 | | |
| 80 | US-PGPUB; USPAT | 2005/03/30 15:06 | | |
| 81 | US-PGPUB; USPAT | 2005/03/30 15:06 | | |
| 82 | US-PGPUB; USPAT | 2005/03/30 15:12 | | |
| 83 | US-PGPUB; USPAT | 2005/03/30 15:13 | | |
| 84 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 14:24 | | |
| 85 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 15:44 | | |
| 86 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 15:48 | | |
| 87 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 15:50 | | |
| 88 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 15:50 | | |

| | Errors | Ref # |
|----|--------|-------|
| 73 | | S76 |
| 74 | | S78 |
| 75 | | S80 |
| 76 | | S81 |
| 77 | | S83 |
| 78 | | S84 |
| 79 | | S82 |
| 80 | | S87 |
| 81 | | S88 |
| 82 | | S89 |
| 83 | | S90 |
| 84 | | S73 |
| 85 | | S91 |
| 86 | | S92 |
| 87 | | S93 |
| 88 | | S94 |

| | Type | Hits | Search Text |
|-----|------|--------|--|
| 89 | BRS | 1 | ("6536957").pn. |
| 90 | BRS | 0 | S95 and (vias apertur\$2 hole\$1 openin\$4 perforation\$1) |
| 91 | BRS | 2 | "20030201462".pn. |
| 92 | BRS | 1 | S97 and (socket\$3 same pin\$2) |
| 93 | BRS | 1 | "6,040934".pn. |
| 94 | BRS | 109955 | (substrat\$2 backplane back adj1 plane) near3 (transparent translucent transmissive) |
| 95 | BRS | 849 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near12 (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 lens\$2 microlens\$2) |
| 96 | BRS | 198 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near12 (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 microlens\$3 lens\$2) |
| 97 | BRS | 979 | S101 S102 |
| 98 | BRS | 218 | S100 and S103 |
| 99 | BRS | 1033 | (substrat\$2 backplane back adj1 plane) same (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5 detect\$5) same (microlens\$4 lens\$2) same (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1) |
| 100 | BRS | 9 | S104 and S105 |
| 101 | BRS | 2 | ("6536957" "20030201462").pn. |

| | DBs | Time Stamp | Comments | Error Definition |
|-----|---------------------------------------|------------------|----------|------------------|
| 89 | US-PGPUB; USPAT | 2005/03/30 17:33 | | |
| 90 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 17:42 | | |
| 91 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 18:11 | | |
| 92 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/03/30 18:12 | | |
| 93 | US-PGPUB; USPAT | 2005/08/11 13:41 | | |
| 94 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:43 | | |
| 95 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:43 | | |
| 96 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:43 | | |
| 97 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:43 | | |
| 98 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:43 | | |
| 99 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 13:43 | | |
| 100 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:31 | | |
| 101 | US-PGPUB; USPAT | 2005/08/11 16:32 | | |

| | Errors | Ref # |
|-----|---------------|--------------|
| 89 | | S95 |
| 90 | | S96 |
| 91 | | S97 |
| 92 | | S98 |
| 93 | | S99 |
| 94 | | S100 |
| 95 | | S101 |
| 96 | | S102 |
| 97 | | S103 |
| 98 | | S104 |
| 99 | | S105 |
| 100 | | S106 |
| 101 | | S107 |

| | Type | Hits | Search Text |
|-----|------|--------|--|
| 102 | BRS | 109955 | (substrat\$2 backplane back adj1 plane) near3 (transparent translucent transmissive) |
| 103 | BRS | 849 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near12 (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 lens\$2 microlens\$2) |
| 104 | BRS | 198 | (substrat\$2 backplane back adj1 plane) near7 (apertur\$2 hole\$1 openin\$4 perforation\$1) near12 (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1 microlens\$3 lens\$2) |
| 105 | BRS | 979 | S109 S110 |
| 106 | BRS | 218 | S108 and S111 |
| 107 | BRS | 1033 | (substrat\$2 backplane back adj1 plane) same (photo photodiod\$2 photoreceiv\$4 phototransist\$4 photodetect\$5 detect\$5) same (microlens\$4 lens\$2) same (laserdiod\$1 laser\$1 diod\$2 emit\$4) same (waveguid\$2 fiber\$1 fibre\$1 wave near1 guide\$1) |
| 108 | BRS | 9 | S112 and S113 |
| 109 | BRS | 2 | ("6536957" "20030201462").pn. |
| 110 | BRS | 1 | 10/601707 |
| 111 | BRS | 1 | S116 and (fiber fibre waveguide\$1 lens\$4 condens\$4 substrat\$4 base41 support\$4 socket\$4) |
| 112 | BRS | 1 | S116 and (fiber fibre waveguide\$1 lens\$4 condens\$4 substrat\$4 base41 support\$4 socket\$4 emit\$4 emmit\$4 receiv\$4 photo photodiod\$3) |
| 113 | BRS | 2 | ("6536957" "20030201462").pn. |

| | DBs | Time Stamp | Comments | Error Definition |
|-----|---------------------------------------|------------------|----------|------------------|
| 102 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:32 | | |
| 103 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:32 | | |
| 104 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:32 | | |
| 105 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:32 | | |
| 106 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:32 | | |
| 107 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:32 | | |
| 108 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 16:32 | | |
| 109 | US-PGPUB; USPAT | 2005/08/11 17:52 | | |
| 110 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 17:25 | | |
| 111 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 17:27 | | |
| 112 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 17:34 | | |
| 113 | US-PGPUB; USPAT | 2005/08/11 17:52 | | |

| | Errors | Ref # |
|-----|--------|-------|
| 102 | | S108 |
| 103 | | S109 |
| 104 | | S110 |
| 105 | | S111 |
| 106 | | S112 |
| 107 | | S113 |
| 108 | | S114 |
| 109 | | S115 |
| 110 | | S116 |
| 111 | | S117 |
| 112 | | S118 |
| 113 | | S119 |

| | Type | Hits | Search Text |
|-----|------|------|---|
| 114 | BRS | 0 | S119 and (fiber fibre waveguide\$1) same (lens\$4 condens\$4) same substrat\$4 same socket\$4 same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |
| 115 | BRS | 0 | S119 and (fiber fibre waveguide\$1) same (lens\$4 condens\$4) same substrat\$4 same socket\$4 |
| 116 | BRS | 0 | S119 and (fiber\$1 fibre\$1 waveguide\$1) same (lens\$4 condens\$4) same substrat\$4 same socket\$4 same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |
| 117 | BRS | 0 | S119 and (lens\$4 condens\$4) same substrat\$4 same (plug\$4 socket\$4) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |
| 118 | BRS | 1 | 10/601707 |
| 119 | BRS | 1 | S124 and (fiber\$1 fibre\$1 waveguide\$1) same (lens\$4 condens\$4) same substrat\$4 same socket\$4 same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |
| 120 | BRS | 2 | S119 and (glass\$4 transpar\$4 translucen\$4) near3 (base substrat\$4 support\$4) |
| 121 | BRS | 0 | S119 and (lens\$4 condens\$4) same substrat\$4 same socket\$4 same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |
| 122 | BRS | 0 | S119 and (lens\$4 condens\$4) same substrat\$4 same (plug\$4 socket\$4 support\$4) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |
| 123 | BRS | 2 | S127 and (fiber\$1 fibre\$1 waveguide\$1) |
| 124 | BRS | 2 | S119 and (lens\$4 condens\$4) same substrat\$4 same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |

| | DBs | Time Stamp | Comments | Error Definition |
|-----|---------------------------------------|------------------|----------|------------------|
| 114 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:07 | | |
| 115 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 17:53 | | |
| 116 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 17:54 | | |
| 117 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:06 | | |
| 118 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 17:54 | | |
| 119 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:01 | | |
| 120 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:14 | | |
| 121 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:07 | | |
| 122 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:08 | | |
| 123 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:10 | | |
| 124 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:13 | | |

| | Errors | Ref # |
|-----|--------|-------|
| 114 | | S120 |
| 115 | | S121 |
| 116 | | S122 |
| 117 | | S123 |
| 118 | | S124 |
| 119 | | S125 |
| 120 | | S126 |
| 121 | | S128 |
| 122 | | S129 |
| 123 | | S130 |
| 124 | | S127 |

| | Type | Hits | Search Text |
|-----|------|------|---|
| 125 | BRS | 1172 | (lens\$2 microlens\$2) same (glass\$4 transpar\$4 translucen\$4) near3 (base substrat\$2 board\$1) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) |
| 126 | BRS | 146 | (lens\$2 microlens\$2) same (glass\$4 transpar\$4 translucen\$4) near3 (substrat\$2 board\$1) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) same (fiber\$1 fibre\$1 waveguide\$1) |
| 127 | BRS | 142 | (lens\$2 microlens\$2) same (glass\$4 transpar\$4 translucen\$4) near3 (substrat\$2) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) same (fiber\$1 fibre\$1 waveguide\$1) |
| 128 | BRS | 3 | (lens\$2 microlens\$2) same (glass\$4 transpar\$4 translucen\$4) near3 (substrat\$2) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) same (fiber\$1 fibre\$1 waveguide\$1) same (socket\$1 plug\$4) |
| 129 | BRS | 1 | S124 and (socket\$1 same plug\$4) |
| 130 | BRS | 9 | S133 and (socket\$1 same plug\$4) |
| 131 | BRS | 6 | S136 not S134 |
| 132 | BRS | 22 | S133 and (socket\$1 ferrul\$3) |
| 133 | BRS | 13 | S138 not (S134 S136) |
| 134 | BRS | 2 | "6040934".pn. |
| 135 | BRS | 0 | S140 and (transpar\$4 transmissive transluc\$4 glass) near5 substr\$4 |
| 136 | BRS | 2 | S140 and (transpar\$4 transmissive transluc\$4 glass) |

| | DBs | Time Stamp | Comments | Error Definition |
|-----|---------------------------------------|------------------|----------|------------------|
| 125 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:17 | | |
| 126 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:18 | | |
| 127 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:18 | | |
| 128 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:21 | | |
| 129 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:26 | | |
| 130 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:36 | | |
| 131 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:27 | | |
| 132 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 18:37 | | |
| 133 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 17:07 | | |
| 134 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 19:04 | | |
| 135 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 19:09 | | |
| 136 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/11 19:09 | | |

| | Errors | Ref # |
|-----|--------|-------|
| 125 | | S131 |
| 126 | | S132 |
| 127 | | S133 |
| 128 | | S134 |
| 129 | | S135 |
| 130 | | S136 |
| 131 | | S137 |
| 132 | | S138 |
| 133 | | S139 |
| 134 | | S140 |
| 135 | | S141 |
| 136 | | S142 |

| | Type | Hits | Search Text |
|-----|------|------|---|
| 137 | BRS | 142 | (lens\$2 microlens\$2) same (glass\$4 transpar\$4 translucen\$4) near3 (substrat\$2) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) same (fiber\$1 fibre\$1 waveguide\$1) |
| 138 | BRS | 3 | (lens\$2 microlens\$2) same (glass\$4 transpar\$4 translucen\$4) near3 (substrat\$2) same (emit\$4 laser) same (receiv\$4 photo photodiod\$3 photodetect\$4 detect\$4) same (fiber\$1 fibre\$1 waveguide\$1) same (socket\$1 plug\$4) |
| 139 | BRS | 9 | S143 and (socket\$1 same plug\$4) |
| 140 | BRS | 22 | S143 and (socket\$1 ferrul\$3) |
| 141 | BRS | 13 | S146 not (S144 S145) |
| 142 | BRS | 1 | 10/601707 |
| 143 | BRS | 1 | S148 and (condens\$4 lens\$2) |
| 144 | BRS | 4 | ("6536957" "20030201462").pn. |
| 145 | BRS | 2 | ("6536957" "20030201462").pn. |
| 146 | BRS | 1 | S151 and (lines\$3 microlens\$4) |
| 147 | BRS | 0 | S151 and (lenes\$3 microlens\$4) |
| 148 | BRS | 0 | S151 and (lenes\$3 microlens\$4) |
| 149 | BRS | 2 | S151 and (lens\$3 microlens\$4) |
| 150 | BRS | 2 | S151 and (lens\$3 microlens\$4 substrat\$4) |
| 151 | BRS | 2 | S151 and (detect\$5 photo photodio\$4 photodet\$4) |
| 152 | BRS | 2 | S151 and (detect\$5 photo photodio\$4 photodetect\$4) |
| 153 | BRS | 2 | "20030201462" |

| | DBs | Time Stamp | Comments | Error Definition |
|-----|---------------------------------------|------------------|----------|------------------|
| 137 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 17:07 | | |
| 138 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 17:07 | | |
| 139 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 17:07 | | |
| 140 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 17:07 | | |
| 141 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 17:07 | | |
| 142 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 18:01 | | |
| 143 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 19:01 | | |
| 144 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/19 19:02 | | |
| 145 | US-PGPUB; USPAT | 2005/08/19 19:02 | | |
| 146 | US-PGPUB; USPAT | 2005/08/19 19:03 | | |
| 147 | US-PGPUB; USPAT | 2005/08/19 19:03 | | |
| 148 | US-PGPUB; USPAT | 2005/08/19 19:03 | | |
| 149 | US-PGPUB; USPAT | 2005/08/19 19:04 | | |
| 150 | US-PGPUB; USPAT | 2005/08/19 19:10 | | |
| 151 | US-PGPUB; USPAT | 2005/08/19 19:12 | | |
| 152 | US-PGPUB; USPAT | 2005/08/19 19:12 | | |
| 153 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/22 10:38 | | |

| | Errors | Ref # |
|-----|--------|-------|
| 137 | | S143 |
| 138 | | S144 |
| 139 | | S145 |
| 140 | | S146 |
| 141 | | S147 |
| 142 | | S148 |
| 143 | | S149 |
| 144 | | S150 |
| 145 | | S151 |
| 146 | | S152 |
| 147 | | S153 |
| 148 | | S154 |
| 149 | | S155 |
| 150 | | S156 |
| 151 | | S157 |
| 152 | | S158 |
| 153 | | S159 |

| | Type | Hits | Search Text |
|-----|------|------|--|
| 154 | BRS | 2 | S159 and (laser ld\$1 diod\$2 detect\$4 pd\$1 photo photodetect\$4 lens\$2 microlens\$2 socket\$2) |
| 155 | BRS | 2 | ("6536957" "20030201462").pn. |
| 156 | BRS | 2 | S161 and (laser ld\$1 diod\$2 detect\$4 pd\$1 photo photodetect\$4 lens\$2 microlens\$2 socket\$2) |

| | DBs | Time Stamp | Comments | Error Definition |
|-----|---------------------------------------|------------------|----------|------------------|
| 154 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/22 11:17 | | |
| 155 | US-PGPUB; USPAT | 2005/08/22 11:16 | | |
| 156 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2005/08/22 11:17 | | |

| | Errors | Ref # |
|-----|---------------|--------------|
| 154 | | S160 |
| 155 | | S161 |
| 156 | | S162 |